

Global Solar Nowcasting Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G566C93EF8E6EN.html>

Date: February 2026

Pages: 141

Price: US\$ 2,980.00 (Single User License)

ID: G566C93EF8E6EN

Abstracts

Solar nowcasting refers to the short-term prediction of solar energy generation, typically over minutes to a few hours. It involves using real-time data from weather satellites, ground-based sensors, and meteorological models to estimate the amount of solar radiation that will reach the Earth's surface. This is especially important for optimizing the performance of solar power plants and managing energy grids, as it helps anticipate fluctuations in solar energy due to changing weather conditions like cloud cover, atmospheric particles, and sun position. Accurate solar nowcasting ensures better integration of solar power into energy systems and enhances overall grid stability. The global market for solar radiation nowcasting is experiencing robust growth, characterized by a competitive landscape populated by numerous players, diverse product types, and widespread applications. Based on satellite nowcasting utilizes satellite data to monitor and predict solar radiation; based on sky imager nowcasting relies on sky imagers to capture sky conditions for radiation prediction; based on machine learning nowcasting employs machine learning algorithms to analyze relevant data for more accurate forecasts. In addition, there are other product types such as those based on numerical weather prediction models. Solar radiation nowcasting is mainly applied in photovoltaic power stations, which helps optimize the operation and management of power stations, improve power generation efficiency, and reduce costs. In addition, it is also used in commercial and residential sectors, such as helping commercial buildings and residential households reasonably arrange the use of solar energy. Europe, especially countries like Germany, Italy, and Spain, was the main concentration of the global solar radiation nowcasting market. The US market is also growing strongly, with a relatively fragmented competitive landscape. As the largest economy in the world, the US has a strong demand for energy, and with the continuous improvement of the proportion of solar energy in the energy structure, the market demand for solar radiation nowcasting is also increasing. The Asia-Pacific region is

showing great potential. Countries such as China and Japan have seen a continuous increase in the demand for solar radiation nowcasting with the rapid development of the solar photovoltaic and solar thermal utilization sectors. In particular, China has the world's largest solar photovoltaic installed capacity, and the demand for solar radiation nowcasting is huge. The market scale is expected to grow rapidly in the future, and the important position of the Asia-Pacific region in the global market will become more prominent.

The global Solar Nowcasting market size was estimated at USD 2271.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.10% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Solar Nowcasting market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Solar Nowcasting market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Solar Nowcasting market.

Global Solar Nowcasting Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Solargis
IBM Research
Reuniwatt
DNV?Solcast?
Open Climate Fix
NIWA
CSP Services
Vaisala Xweather
CalibSun
Fraunhofer ISE
Vaisala

Market Segmentation (by Type)

Satellite-Based Nowcasting
Sky Imager-Based Nowcasting
Machine Learning-Based Nowcasting
Others

Market Segmentation (by Application)

PV Power Station
Commercial
Residential
Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Solar Nowcasting Market
Overview of the regional outlook of the Solar Nowcasting Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Solar Nowcasting Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Solar Nowcasting, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change
This enables you to anticipate market changes to remain ahead of your competitors
You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents
The concise analysis, clear graph, and table format will enable you to pinpoint the

information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Solar Nowcasting
- 1.2 Key Market Segments
 - 1.2.1 Solar Nowcasting Segment by Type
 - 1.2.2 Solar Nowcasting Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 SOLAR NOWCASTING MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Solar Nowcasting Market Size (M USD) Estimates and Forecasts (2020-2035)
 - 2.1.2 Global Solar Nowcasting Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 SOLAR NOWCASTING MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Solar Nowcasting Product Life Cycle
- 3.3 Global Solar Nowcasting Sales by Manufacturers (2020-2025)
- 3.4 Global Solar Nowcasting Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Solar Nowcasting Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Solar Nowcasting Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Solar Nowcasting Market Competitive Situation and Trends
 - 3.8.1 Solar Nowcasting Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest Solar Nowcasting Players Market Share by Revenue
 - 3.8.3 Mergers & Acquisitions, Expansion

4 SOLAR NOWCASTING INDUSTRY CHAIN ANALYSIS

- 4.1 Solar Nowcasting Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SOLAR NOWCASTING MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Industry News
 - 5.4.1 New Product Developments
 - 5.4.2 Mergers & Acquisitions
 - 5.4.3 Expansions
 - 5.4.4 Collaboration/Supply Contracts
- 5.5 PEST Analysis
 - 5.5.1 Industry Policies Analysis
 - 5.5.2 Economic Environment Analysis
 - 5.5.3 Social Environment Analysis
 - 5.5.4 Technological Environment Analysis
- 5.6 Global Solar Nowcasting Market Porter's Five Forces Analysis
 - 5.6.1 Global Trade Frictions
 - 5.6.2 U.S. Tariff Policy ? April 2025
 - 5.6.3 Global Trade Frictions and Their Impacts to Solar Nowcasting Market
- 5.7 ESG Ratings of Leading Companies

6 SOLAR NOWCASTING MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Solar Nowcasting Sales Market Share by Type (2020-2025)
- 6.3 Global Solar Nowcasting Market Size by Type (2020-2025)
- 6.4 Global Solar Nowcasting Price by Type (2020-2025)

7 SOLAR NOWCASTING MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Solar Nowcasting Market Sales by Application (2020-2025)
- 7.3 Global Solar Nowcasting Market Size (M USD) by Application (2020-2025)

7.4 Global Solar Nowcasting Sales Growth Rate by Application (2020-2025)

8 SOLAR NOWCASTING MARKET SALES BY REGION

8.1 Global Solar Nowcasting Sales by Region

8.1.1 Global Solar Nowcasting Sales by Region

8.1.2 Global Solar Nowcasting Sales Market Share by Region

8.2 Global Solar Nowcasting Market Size by Region

8.2.1 Global Solar Nowcasting Market Size by Region

8.2.2 Global Solar Nowcasting Market Size by Region

8.3 North America

8.3.1 North America Solar Nowcasting Sales by Country

8.3.2 North America Solar Nowcasting Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Solar Nowcasting Sales by Country

8.4.2 Europe Solar Nowcasting Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Solar Nowcasting Sales by Region

8.5.2 Asia Pacific Solar Nowcasting Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Solar Nowcasting Sales by Country

8.6.2 South America Solar Nowcasting Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

- 8.7.1 Middle East and Africa Solar Nowcasting Sales by Region
- 8.7.2 Middle East and Africa Solar Nowcasting Market Size by Region
- 8.7.3 Saudi Arabia Market Overview
- 8.7.4 UAE Market Overview
- 8.7.5 Egypt Market Overview
- 8.7.6 Nigeria Market Overview
- 8.7.7 South Africa Market Overview

9 SOLAR NOWCASTING MARKET PRODUCTION BY REGION

- 9.1 Global Production of Solar Nowcasting by Region(2020-2025)
- 9.2 Global Solar Nowcasting Revenue Market Share by Region (2020-2025)
- 9.3 Global Solar Nowcasting Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Solar Nowcasting Production
 - 9.4.1 North America Solar Nowcasting Production Growth Rate (2020-2025)
 - 9.4.2 North America Solar Nowcasting Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Solar Nowcasting Production
 - 9.5.1 Europe Solar Nowcasting Production Growth Rate (2020-2025)
 - 9.5.2 Europe Solar Nowcasting Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Solar Nowcasting Production (2020-2025)
 - 9.6.1 Japan Solar Nowcasting Production Growth Rate (2020-2025)
 - 9.6.2 Japan Solar Nowcasting Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Solar Nowcasting Production (2020-2025)
 - 9.7.1 China Solar Nowcasting Production Growth Rate (2020-2025)
 - 9.7.2 China Solar Nowcasting Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

- 10.1 Solargis
 - 10.1.1 Solargis Basic Information
 - 10.1.2 Solargis Solar Nowcasting Product Overview
 - 10.1.3 Solargis Solar Nowcasting Product Market Performance
 - 10.1.4 Solargis Business Overview
 - 10.1.5 Solargis SWOT Analysis

- 10.1.6 Solargis Recent Developments
- 10.2 IBM Research
 - 10.2.1 IBM Research Basic Information
 - 10.2.2 IBM Research Solar Nowcasting Product Overview
 - 10.2.3 IBM Research Solar Nowcasting Product Market Performance
 - 10.2.4 IBM Research Business Overview
 - 10.2.5 IBM Research SWOT Analysis
 - 10.2.6 IBM Research Recent Developments
- 10.3 Reuniwatt
 - 10.3.1 Reuniwatt Basic Information
 - 10.3.2 Reuniwatt Solar Nowcasting Product Overview
 - 10.3.3 Reuniwatt Solar Nowcasting Product Market Performance
 - 10.3.4 Reuniwatt Business Overview
 - 10.3.5 Reuniwatt SWOT Analysis
 - 10.3.6 Reuniwatt Recent Developments
- 10.4 DNV?Solcast?
 - 10.4.1 DNV?Solcast? Basic Information
 - 10.4.2 DNV?Solcast? Solar Nowcasting Product Overview
 - 10.4.3 DNV?Solcast? Solar Nowcasting Product Market Performance
 - 10.4.4 DNV?Solcast? Business Overview
 - 10.4.5 DNV?Solcast? Recent Developments
- 10.5 Open Climate Fix
 - 10.5.1 Open Climate Fix Basic Information
 - 10.5.2 Open Climate Fix Solar Nowcasting Product Overview
 - 10.5.3 Open Climate Fix Solar Nowcasting Product Market Performance
 - 10.5.4 Open Climate Fix Business Overview
 - 10.5.5 Open Climate Fix Recent Developments
- 10.6 NIWA
 - 10.6.1 NIWA Basic Information
 - 10.6.2 NIWA Solar Nowcasting Product Overview
 - 10.6.3 NIWA Solar Nowcasting Product Market Performance
 - 10.6.4 NIWA Business Overview
 - 10.6.5 NIWA Recent Developments
- 10.7 CSP Services
 - 10.7.1 CSP Services Basic Information
 - 10.7.2 CSP Services Solar Nowcasting Product Overview
 - 10.7.3 CSP Services Solar Nowcasting Product Market Performance
 - 10.7.4 CSP Services Business Overview
 - 10.7.5 CSP Services Recent Developments

10.8 Vaisala Xweather

10.8.1 Vaisala Xweather Basic Information

10.8.2 Vaisala Xweather Solar Nowcasting Product Overview

10.8.3 Vaisala Xweather Solar Nowcasting Product Market Performance

10.8.4 Vaisala Xweather Business Overview

10.8.5 Vaisala Xweather Recent Developments

10.9 CalibSun

10.9.1 CalibSun Basic Information

10.9.2 CalibSun Solar Nowcasting Product Overview

10.9.3 CalibSun Solar Nowcasting Product Market Performance

10.9.4 CalibSun Business Overview

10.9.5 CalibSun Recent Developments

10.10 Fraunhofer ISE

10.10.1 Fraunhofer ISE Basic Information

10.10.2 Fraunhofer ISE Solar Nowcasting Product Overview

10.10.3 Fraunhofer ISE Solar Nowcasting Product Market Performance

10.10.4 Fraunhofer ISE Business Overview

10.10.5 Fraunhofer ISE Recent Developments

10.11 Vaisala

10.11.1 Vaisala Basic Information

10.11.2 Vaisala Solar Nowcasting Product Overview

10.11.3 Vaisala Solar Nowcasting Product Market Performance

10.11.4 Vaisala Business Overview

10.11.5 Vaisala Recent Developments

11 SOLAR NOWCASTING MARKET FORECAST BY REGION

11.1 Global Solar Nowcasting Market Size Forecast

11.2 Global Solar Nowcasting Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Solar Nowcasting Market Size Forecast by Country

11.2.3 Asia Pacific Solar Nowcasting Market Size Forecast by Region

11.2.4 South America Solar Nowcasting Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Solar Nowcasting by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Solar Nowcasting Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Solar Nowcasting by Type (2026-2035)

12.1.2 Global Solar Nowcasting Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Solar Nowcasting by Type (2026-2035)

12.2 Global Solar Nowcasting Market Forecast by Application (2026-2035)

12.2.1 Global Solar Nowcasting Sales (K Units) Forecast by Application

12.2.2 Global Solar Nowcasting Market Size (M USD) Forecast by Application
(2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type
Table 2. Introduction of the Application
Table 3. Global Solar Nowcasting Market Size by Type (M USD)
Table 4. Global Solar Nowcasting Market Size by Application
Table 5. Solar Nowcasting Market Size Comparison by Region (M USD)
Table 6. Global Solar Nowcasting Sales (K Units) by Manufacturers (2020-2025)
Table 7. Global Solar Nowcasting Sales Market Share by Manufacturers (2020-2025)
Table 8. Global Solar Nowcasting Revenue (M USD) by Manufacturers (2020-2025)
Table 9. Global Solar Nowcasting Revenue Share by Manufacturers (2020-2025)
Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Solar Nowcasting as of 2025)
Table 11. Global Market Solar Nowcasting Average Price (USD/Unit) of Key Manufacturers (2020-2025)
Table 12. Manufacturers? Manufacturing Sites, Areas Served
Table 13. Manufacturers? Product Type
Table 14. Global Solar Nowcasting Manufacturers Market Concentration Ratio (CR5 and HHI)
Table 15. Mergers & Acquisitions, Expansion Plans
Table 16. Market Overview of Key Raw Materials
Table 17. Midstream Market Analysis
Table 18. Downstream Customer Analysis
Table 19. Key Development Trends
Table 20. Driving Factors
Table 21. Solar Nowcasting Market Challenges
Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026
Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027
Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026
Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
Table 26. Global Solar Nowcasting Sales by Type (K Units)
Table 27. Global Solar Nowcasting Market Size by Type (M USD)
Table 28. Global Solar Nowcasting Sales (K Units) by Type (2020-2025)
Table 29. Global Solar Nowcasting Sales Market Share by Type (2020-2025)
Table 30. Global Solar Nowcasting Market Size (M USD) by Type (2020-2025)
Table 31. Global Solar Nowcasting Market Share by Type (2020-2025)

Table 32. Global Solar Nowcasting Price (USD/Unit) by Type (2020-2025)
Table 33. Global Solar Nowcasting Sales (K Units) by Application
Table 34. Global Solar Nowcasting Market Size by Application
Table 35. Global Solar Nowcasting Sales by Application (2020-2025) & (K Units)
Table 36. Global Solar Nowcasting Sales Market Share by Application (2020-2025)
Table 37. Global Solar Nowcasting Market Size by Application (2020-2025) & (M USD)
Table 38. Global Solar Nowcasting Market Share by Application (2020-2025)
Table 39. Global Solar Nowcasting Sales Growth Rate by Application (2020-2025)
Table 40. Global Solar Nowcasting Sales by Region (2020-2025) & (K Units)
Table 41. Global Solar Nowcasting Sales Market Share by Region (2020-2025)
Table 42. Global Solar Nowcasting Market Size by Region (2020-2025) & (M USD)
Table 43. Global Solar Nowcasting Market Size by Region (2020-2025)
Table 44. North America Solar Nowcasting Sales by Country (2020-2025) & (K Units)
Table 45. North America Solar Nowcasting Market Size by Country (2020-2025) & (M USD)
Table 46. Europe Solar Nowcasting Sales by Country (2020-2025) & (K Units)
Table 47. Europe Solar Nowcasting Market Size by Country (2020-2025) & (M USD)
Table 48. Asia Pacific Solar Nowcasting Sales by Region (2020-2025) & (K Units)
Table 49. Asia Pacific Solar Nowcasting Market Size by Region (2020-2025) & (M USD)
Table 50. South America Solar Nowcasting Sales by Country (2020-2025) & (K Units)
Table 51. South America Solar Nowcasting Market Size by Country (2020-2025) & (M USD)
Table 52. Middle East and Africa Solar Nowcasting Sales by Region (2020-2025) & (K Units)
Table 53. Middle East and Africa Solar Nowcasting Market Size by Region (2020-2025) & (M USD)
Table 54. Global Solar Nowcasting Production (K Units) by Region(2020-2025)
Table 55. Global Solar Nowcasting Revenue (US\$ Million) by Region (2020-2025)
Table 56. Global Solar Nowcasting Revenue Market Share by Region (2020-2025)
Table 57. Global Solar Nowcasting Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 58. North America Solar Nowcasting Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 59. Europe Solar Nowcasting Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 60. Japan Solar Nowcasting Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
Table 61. China Solar Nowcasting Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Solargis Basic Information
Table 63. Solargis Solar Nowcasting Product Overview
Table 64. Solargis Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 65. Solargis Business Overview
Table 66. Solargis SWOT Analysis
Table 67. Solargis Recent Developments
Table 68. IBM Research Basic Information
Table 69. IBM Research Solar Nowcasting Product Overview
Table 70. IBM Research Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 71. IBM Research Business Overview
Table 72. IBM Research SWOT Analysis
Table 73. IBM Research Recent Developments
Table 74. Reuniwatt Basic Information
Table 75. Reuniwatt Solar Nowcasting Product Overview
Table 76. Reuniwatt Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 77. Reuniwatt Business Overview
Table 78. Reuniwatt SWOT Analysis
Table 79. Reuniwatt Recent Developments
Table 80. DNV?Solcast? Basic Information
Table 81. DNV?Solcast? Solar Nowcasting Product Overview
Table 82. DNV?Solcast? Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 83. DNV?Solcast? Business Overview
Table 84. DNV?Solcast? Recent Developments
Table 85. Open Climate Fix Basic Information
Table 86. Open Climate Fix Solar Nowcasting Product Overview
Table 87. Open Climate Fix Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 88. Open Climate Fix Business Overview
Table 89. Open Climate Fix Recent Developments
Table 90. NIWA Basic Information
Table 91. NIWA Solar Nowcasting Product Overview
Table 92. NIWA Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 93. NIWA Business Overview
Table 94. NIWA Recent Developments

Table 95. CSP Services Basic Information
Table 96. CSP Services Solar Nowcasting Product Overview
Table 97. CSP Services Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 98. CSP Services Business Overview
Table 99. CSP Services Recent Developments
Table 100. Vaisala Xweather Basic Information
Table 101. Vaisala Xweather Solar Nowcasting Product Overview
Table 102. Vaisala Xweather Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 103. Vaisala Xweather Business Overview
Table 104. Vaisala Xweather Recent Developments
Table 105. CalibSun Basic Information
Table 106. CalibSun Solar Nowcasting Product Overview
Table 107. CalibSun Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 108. CalibSun Business Overview
Table 109. CalibSun Recent Developments
Table 110. Fraunhofer ISE Basic Information
Table 111. Fraunhofer ISE Solar Nowcasting Product Overview
Table 112. Fraunhofer ISE Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 113. Fraunhofer ISE Business Overview
Table 114. Fraunhofer ISE Recent Developments
Table 115. Vaisala Basic Information
Table 116. Vaisala Solar Nowcasting Product Overview
Table 117. Vaisala Solar Nowcasting Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 118. Vaisala Business Overview
Table 119. Vaisala Recent Developments
Table 120. Global Solar Nowcasting Sales Forecast by Region (2026-2035) & (K Units)
Table 121. Global Solar Nowcasting Market Size Forecast by Region (2026-2035) & (M USD)
Table 122. North America Solar Nowcasting Sales Forecast by Country (2026-2035) & (K Units)
Table 123. North America Solar Nowcasting Market Size Forecast by Country (2026-2035) & (M USD)
Table 124. Europe Solar Nowcasting Sales Forecast by Country (2026-2035) & (K Units)

Table 125. Europe Solar Nowcasting Market Size Forecast by Country (2026-2035) & (M USD)

Table 126. Asia Pacific Solar Nowcasting Sales Forecast by Region (2026-2035) & (K Units)

Table 127. Asia Pacific Solar Nowcasting Market Size Forecast by Region (2026-2035) & (M USD)

Table 128. South America Solar Nowcasting Sales Forecast by Country (2026-2035) & (K Units)

Table 129. South America Solar Nowcasting Market Size Forecast by Country (2026-2035) & (M USD)

Table 130. Middle East and Africa Solar Nowcasting Sales Forecast by Country (2026-2035) & (Units)

Table 131. Middle East and Africa Solar Nowcasting Market Size Forecast by Country (2026-2035) & (M USD)

Table 132. Global Solar Nowcasting Sales Forecast by Type (2026-2035) & (K Units)

Table 133. Global Solar Nowcasting Market Size Forecast by Type (2026-2035) & (M USD)

Table 134. Global Solar Nowcasting Price Forecast by Type (2026-2035) & (USD/Unit)

Table 135. Global Solar Nowcasting Sales (K Units) Forecast by Application (2026-2035)

Table 136. Global Solar Nowcasting Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Solar Nowcasting
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Solar Nowcasting Market Size (M USD), 2025-2035
- Figure 5. Global Solar Nowcasting Market Size (M USD) (2020-2035)
- Figure 6. Global Solar Nowcasting Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Solar Nowcasting Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Solar Nowcasting Product Life Cycle
- Figure 13. Solar Nowcasting Sales Share by Manufacturers in 2025
- Figure 14. Global Solar Nowcasting Revenue Share by Manufacturers in 2025
- Figure 15. Solar Nowcasting Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Solar Nowcasting Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Solar Nowcasting Revenue in 2025
- Figure 18. Industry Chain Map of Solar Nowcasting
- Figure 19. Global Solar Nowcasting Market PEST Analysis
- Figure 20. Global Solar Nowcasting Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Solar Nowcasting Market Share by Type
- Figure 27. Sales Market Share of Solar Nowcasting by Type (2020-2025)
- Figure 28. Sales Market Share of Solar Nowcasting by Type in 2025
- Figure 29. Market Share of Solar Nowcasting by Type (2020-2025)
- Figure 30. Market Share of Solar Nowcasting by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Solar Nowcasting Market Share by Application

Figure 33. Global Solar Nowcasting Sales Market Share by Application (2020-2025)

Figure 34. Global Solar Nowcasting Sales Market Share by Application in 2025

Figure 35. Global Solar Nowcasting Market Share by Application (2020-2025)

Figure 36. Global Solar Nowcasting Market Share by Application in 2025

Figure 37. Global Solar Nowcasting Sales Growth Rate by Application (2020-2025)

Figure 38. Global Solar Nowcasting Sales Market Share by Region (2020-2025)

Figure 39. Global Solar Nowcasting Market Size by Region (2020-2025)

Figure 40. North America Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Solar Nowcasting Sales Market Share by Country in 2024

Figure 43. North America Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Solar Nowcasting Market Size by Country in 2024

Figure 45. U.S. Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Solar Nowcasting Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Solar Nowcasting Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Solar Nowcasting Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Solar Nowcasting Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Solar Nowcasting Sales Market Share by Country in 2024

Figure 53. Europe Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Solar Nowcasting Market Size by Country in 2024

Figure 55. Germany Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Solar Nowcasting Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Solar Nowcasting Sales Market Share by Region in 2024

Figure 67. Asia Pacific Solar Nowcasting Market Size by Region in 2024

Figure 68. China Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Solar Nowcasting Sales and Growth Rate (K Units)

Figure 79. South America Solar Nowcasting Sales Market Share by Country in 2024

Figure 80. South America Solar Nowcasting Market Size and Growth Rate (M USD)

Figure 81. South America Solar Nowcasting Market Size by Country in 2024

Figure 82. Brazil Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Solar Nowcasting Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Solar Nowcasting Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Solar Nowcasting Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Solar Nowcasting Market Size by Region in 2024

Figure 92. Saudi Arabia Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Solar Nowcasting Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Solar Nowcasting Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Solar Nowcasting Production Market Share by Region (2020-2025)

Figure 103. North America Solar Nowcasting Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Solar Nowcasting Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Solar Nowcasting Production (K Units) Growth Rate (2020-2025)

Figure 106. China Solar Nowcasting Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Solar Nowcasting Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Solar Nowcasting Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Solar Nowcasting Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Solar Nowcasting Market Share Forecast by Type (2026-2035)

Figure 111. Global Solar Nowcasting Sales Forecast by Application (2026-2035)

Figure 112. Global Solar Nowcasting Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Solar Nowcasting Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G566C93EF8E6EN.html>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G566C93EF8E6EN.html>